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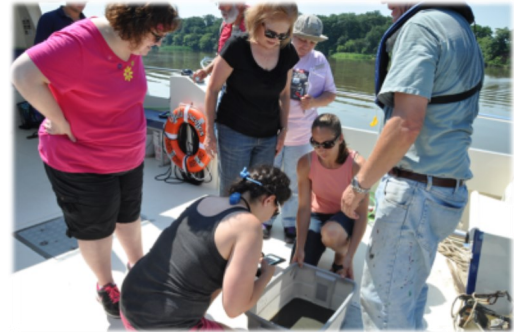
Teacher Professional Development



Queen Anne's County Public Schools has partnered with Washington College, Center for Environment and Society with over 30 teachers participating in the Rivers to the Bay (R2B) Professional Development Course. R2B is designed to get teachers outside, in the Chester River and in the local Chesapeake Bay Watershed, to explore environmental topics first hand.

The 80-hour course is designed to enrich content knowledge and provide real life context for environmental issues.

QACPS teachers across grade bands and disciplines are empowered to take their students outdoors to study water quality and to utilize their *schoolshed* as a base for Issues Investigations and Action Plans.



QACPS teachers on *Callinectes*, WC CES Research Vessel, examining the sediments of the Chester River.

Funding provided by MSDE, Math Science Partnership & NOAA BWET

Student Experiences



Build-a-Buoy (Grades K-4)

Using PVC pieces and Frisbees®, students as young as kindergarten-age assemble a small floating platforms that analysis water quality. They learn that there are two kinds of buoys, one that marks underwater roads (navigational) and others that collects data to gauge the health of the water it floats in.



Aquabotz (Grades 8-12)

Aquabotz is a remote-controlled robot that swims underwater which students design, build, and operate. Waterproof cameras allow the robot to capture images below the surface, and students can experience underwater observation when water clarity allows.

